

# ACRC INC.

AMERICAN CONSULTING REMEDIATION AND CONSTRUCTION

March 2, 2000

9/99  
- waste oil UST  
closure

Robert Weston  
Alameda County Health Agency  
1131 Harbor Bay Parkway, 2<sup>nd</sup> Floor  
Alameda, CA 94502

Dear Mr. Weston,

Enclosed please find the documents required to reopen Piedmont Texaco, 340 Highland Ave., Piedmont.

After you have reviewed the items enclosed please contact my office if there are any additional items required. We would like to open the station as soon as all your requirements have been met.

Thank you for your patience with the process at this station.

Sincerely,  
ACRC Inc.

  
Jeff Orwig

ENVIRONMENTAL  
PROTECTION  
DOHMR-3 AM 8:40

**ACRC** INC.

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AMERICAN CONSULTING REMEDIATION AND CONSTRUCTION

**TANK CLOSURE REPORT**

**304 HIGHLAND AVE.  
PIEDMONT, CA**

## **Tank Removal Information**

- **Date of removal:** 09/30/99
- **Personnel involved:** ACRC Inc. - Jeff Orwig site foreman  
Ernesto Martinez  
AP Backhoe Service - Tony  
Erickson Inc. - Transport and disposal of tank  
Alameda County Environmental Health – Robert Weston

**Tank Removed:** 1 – 550 gallon waste oil tank - single wall, steel

## **Tank Removal Process**

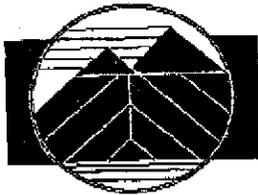
All County, State of California and California Regional Water Quality Board procedures and regulations were followed during the tank removal and disposal process.

Site excavation and demolition took place on September 29 - 30. All concrete was removed from over the tank. Concrete was hauled to a recycle site. Dry Ice was placed in the tank and it was checked for LEL levels prior to removal. The tank was pulled on 09/30/99. Robert Weston was present during the tank pull operation. Tanks were loaded on a truck from Erickson Inc. and hauled to their plant for disposal. Soil samples were taken after the water was suctioned from the hole. Samples were taken at the fill end of the waste oil tank and under the old pump locations at the pump islands. The water in the hole was also sampled. The sampling tubes and voas were labeled and placed into a cooler which had blue ice in it. The cooler was taken to the lab by a courier as soon as the sampling was completed. Results were supplied by Brunsing Associates and are included in this report.

The existing tanks were up graded and a tank test was undertaken prior to backfilling the tanks. A copy of the test results are included in this report.

## **Laboratory Analysis**

See attached lab reports.



**BRUNSG ASSOCIATES, INC.**

**BACE Environmental**  
P. O. Box 588  
Windsor, CA 95492  
(707) 838-3027

**BACE Geotechnical**  
P. O. Box 749  
Windsor, CA 95492  
(707) 838-0780

**BACE Analytical & Field Services**  
P. O. Box 838  
Windsor, CA 95492  
(707) 838-8338

**FAX FOR ALL DIVISIONS (707) 838-4420**

**FAX TRANSMITTAL**

TO: Jeff Oring

COMPANY: BAFS

VOICE NO: \_\_\_\_\_ FAX NO: 925 837 3424

FROM: (me)

DATE: 2/29/00

PROJECT NAME: 340 Highland Ave / Piedmont Texas

PROJECT NUMBER: \_\_\_\_\_

MESSAGE: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

NUMBER OF PAGES (including this page): 8

CC: \_\_\_\_\_



**BACE Analytical & Field Services**  
A Division of Bruning Associates, Inc.

October 27, 1999

Log No: 3285

Laboratory Certificate Number: 1264

Jeff Orwig  
ACRC  
2491 San Ramon Blvd.  
Suite 1-430  
San Ramon, CA. 94583

ATTN: Jeff Orwig

RE: Results of the analyses of soil and groundwater samples obtained on October 8, 1999 at Piedmont Texaco, 340 Highland Ave. Piedmont, CA.

Dear Mr. Orwig,

This letter serves to confirm the analytical results previously communicated to you. Should any questions arise concerning procedure or results, please feel free to contact us.

Sincerely,

William G. Rotz  
Director, Mobile Analytical Services

Client: ACRC  
 Contact: Jeff Orwig  
 Sample Date: 10/8/99  
 Analysis Date: 10/22/99

Page 2 of 4

BAPS Log No: 3285

METHOD: EPA 5030/8020

Matrix: Soil

Parameter	Reporting Limit µg/kg	Lab No: Descriptor:	Results - µg/kg	
			3285-1 (#1 Dispenser)	3285-2 (#2 Dispenser)
Benzene	5.0		ND	ND
Toluene	5.0		ND	ND
Ethylbenzene	5.0		ND	ND
Xylenes (total)	5.0		ND	ND
MTBE	50		270 <sup>^</sup>	ND
Dilution Factor			1	1

METHOD: EPA 5030 / GC FID

Parameter	Reporting Limit mg/kg	Lab No.: Descriptor:	Results - mg/kg	
			3285-1 (#1 Dispenser)	3285-2 (#2 Dispenser)
TPH - gasoline	1.0		ND	ND
Dilution Factor			1	1

METHOD: EPA 3550 / GC FID

Parameter	Reporting Limit mg/kg	Lab No.: Descriptor:	Results - mg/kg	
			3285-1 (#1 Dispenser)	3285-2 (#2 Dispenser)
TPH - diesel	1.0		ND	ND
TPH-motor oil	10.0		NR	NR
Dilution Factor			1	1

Note: ND = Not Detected

NR = Not Requested

<sup>^</sup>=Dilution Factor is 5

Client: ACRC  
 Contact: Jeff Orwig  
 Sample Date: 10/8/99  
 Analysis Date: 10/22/99

Page 3 of 4

BAFS Log No: 3285

METHOD: EPA 5030/8020

Matrix: Soil

Results - µg/kg

Parameter	Reporting Limit µg/kg	Lab No: Descriptor:	3285-3 (#3 Oil Pit Fill Pipe)
Benzene	5.0		ND
Toluene	5.0		ND
Ethylbenzene	5.0		ND
Xylenes (total)	5.0		ND
MTBE	50		ND
Dilution Factor			1

METHOD: EPA 5030 / GC FID

Results - mg/kg

Parameter	Reporting Limit mg/kg	Lab No: Descriptor:	3285-3 (#3 Oil Pit Fill Pipe)
TPH - gasoline	1.0		ND
Dilution Factor			1

METHOD: EPA 3550 / GC FID

Results - mg/kg

Parameter	Reporting Limit mg/kg	Lab No: Descriptor:	3285-3 (#3 Oil Pit Fill Pipe)
TPH - diesel	1.0		190
TPH-motor oil	10.0		1600
Dilution Factor			10

Note: ND = Not Detected



Client: ACRC  
 Client Contact: Jeff Orwig  
 Sample Date: 10/8/99  
 Analysis Date: 10/22/99

Page 4 of 4

BAFS Log No: 3285

METHOD: EPA 5030/8020

Matrix: Water  
Results - µg/L

Parameter	Reporting Limit µg/L	Lab No: Descriptor:	3285-4 (Water Oil Pit)
Benzene	0.5		ND
Toluene	0.5		ND
Ethylbenzene	0.5		ND
Xylenes (total)	0.5		ND
MTBE	5.0		4000 <sup>A</sup>
Dilution Factor			1

METHOD: EPA 5030 / GC FID

Results - mg/L

Parameter	Reporting Limit mg/L	Lab No.: Descriptor:	3285-4 (Water Oil Pit)
TPH - gasoline	0.05		4.2 <sup>B</sup>
Dilution Factor			10

METHOD: EPA 3510 / GC FID

Results - mg/L

Parameter	Reporting Limit mg/L	Lab No.: Descriptor:	3285-4 (Water Oil Pit)
TPH- diesel	0.20		ND <sup>C</sup>
TPH- motor oil	1.0		ND <sup>C</sup>
Dilution Factor			1

Note: ND = not detected

<sup>A</sup> = Dilution Factor is 10<sup>B</sup> = Includes MTBE<sup>C</sup> = Low Sample Volume (.025 L) Reporting limit adjusted accordingly

## QUALITY CONTROL SUMMARY

Client: ACRC

BAFS Log No: 3285

Client Contact: Jeff Orwig

Sample Date: 10/8/99

Matrix: Water

Analysis Date: 10/22/99

Parameter	% RECOVERY				
	CCV%*	Blank	Spike	Spike Dup	RPD
Gasoline	95	ND	99	95	4.0
Diesel	93	ND	99	109	9.6
Benzene	102	ND	89	88	1.1
Toluene	103	ND	92	89	3.3
Ethylbenzene	107	ND	96	94	2.1
Xylenes	105	ND	93	92	1.1
MTBE	95	ND	91	91	<1

\* Continuous Calibration Verification Standard





## QUALITY CONTROL SUMMARY

Client: ACRC  
Client Contact: Jeff Orwig  
Sample Date: 10/8/99  
Analysis Date: 10/22/99

BAFS Log No: 3285

Matrix: Soil

Parameter	% RECOVERY				
	CCV%*	Blank	Spike	Spike Dup	RPD
Gasoline	95	ND	94	99	5.1
Diesel	104	ND	92	101	9.3
Benzene	94	ND	96	102	6.0
Toluene	97	ND	91	94	3.2
Ethylbenzene	102	ND	94	95	1.0
Xylenes	99	ND	90	92	2.1
MTBE	90	ND	94	108	14

\* Continuous Calibration Verification Standard



## **Supporting Reports and Documents**

We have included copies of all other reports and chain of custody reports as related to the removal of the two underground tanks.

HAZARDOUS WASTE GENERATOR INSPECTION REPORT

STID.#: FACILITY NAME: MEDMONT TEXACO PG. 1 OF 1

SUPPLEMENTAL FORM

BACK ON THE JOB THIS AFTERNOON TO WITNESS/VERIFY INTEGRITY OF SECONDARY CONTAINMENT AND PRIMARY FLEX PIPING.

THE FOLLOWING OBSERVATIONS WERE MADE:

1. TWO POLY DISPENSER CONTAINMENTS H<sub>2</sub>O TESTED  
NO LEAKS OBSERVED TEST PASSED.
2. THREE POLY RETROFITTED TURBINE SUMPS H<sub>2</sub>O TESTED  
NO LEAKS OBSERVED TEST PASSED
3. SIX SPILL CONTAINERS (EBW) H<sub>2</sub>O TESTED  
NO LEAKS OBSERVED TEST PASSED
4. PRIMARY FLEX LINES PRESSURIZED TO  $\approx$  50 PSI  
NO CONNECTORS USED OUTSIDE CONTAINMENT.  
GAUGES HOLDING  $\approx$  50 PSI TEST PASSED
5. SECONDARY FLEX (COAXIAL) TESTED USING  
5 PSI USING JUMPER IN DISPENSER.  
GAUGES HOLDING 5 PSI TEST PASSED

NO BACK FILL LINTIC INSTALLATION INSTRUCTIONS SUBMITTED.

NEXT INSPECTION FOR MONITORING SYSTEM.

PRINT NAME: Randy Johnson  
SIGNATURE: [Signature]

INSPECTED BY: [Signature]  
DATE: 9-24-99